

From: ["West Lake Landfill / Bridgeton Landfill CAG" <westlakecag@gmail.com>](mailto:westlakecag@gmail.com)
To: ["West Lake Landfill" <Cag>](#)
CC:
Date: 5/21/2014 5:47:12 PM
Subject: Re: Meeting Notice - May 29, 2014 West Lake Landfill Community Advisory Group with EPA
Attachments: [CAG Meeting Minutes 4 21 2014.pdf](#)

Please find attached the April Meeting minutes for review . CAG will request corrections and vote to finalize content at upcoming May 29, 2014 meeting. Thank you.

On Tue, May 20, 2014 at 10:04 PM, West Lake Landfill / Bridgeton Landfill CAG <westlakecag@gmail.com> wrote:

Meeting time: 6:30 pm

Meeting Place: IUOE Local #513 3449 Hollenberg Dr, Bridgeton, MO 63044

West Lake/Bridgeton Landfill Community Advisory Group

May 29, 2014

Meeting Agenda

- Call meeting to order and roll-call of officers present.
- Approval of minutes from April CAG meeting.
- Introduction and presentations by EPA and ACE representatives.
- Meeting Close

You will note the short agenda for this meeting. In order to provide the maximum amount of time having your questions answered we are forgoing new member nominations, executive and treasurer's reports.

A reminder to help us get the most from the meeting:

- If you have a question, raise your hand and wait for recognition from the Chair.
- Please tell us who you are before you speak.

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Thank you - West Lake Landfill / Bridgeton Landfill Community Advisory Group
www.WestLakeCAG.org

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CAG Meeting

Meeting of 4/21/2014

1. Meeting called to order at 6:45 pm by Chairperson Doug Clemens.

2. Roll call of Executive Board in attendance:

Chair:	Doug Clemens
Co-Chair:	Bob Nowlin
Treasurer:	Rhonda Steelman
Secretary:	Vernita Wilson

3. Public Officials / Organizations in attendance or represented:

Ben Washburn, EPA Community Involvement Coordinator, Region 7
Daniel Gravatt, Environmental Scientist, EPA, Region 7
Jeffrey Field, Redial Project Manager, EPA, Region 7
Harvey Ferdman, Policy Advisor for Bill Otto
Kerry J. DeGregorio, Constituent Advocate, U.S. Sen. Roy Blunt
Jo Middleton, U.S. Sen. Claire McCaskill
Bill Ray, St. Louis County Executive Office
Michael Zlatic, PE, Environmental Administrator, St. Louis County Health
Ed Smith, Safe Energy Director, Mo Coalition for the Environment
Randy Hein, Bridgeton City Council
Norm Rhea, Maryland Heights City Council
Terrie Boguski, SKEO Solutions
Matt LaVanchy, Assistant Fire Chief, Pattonville Fire District
Paul Rosasco, EMSI
Elizabeth Semkinn, DHSS
Lorena Locke, DHSS
Schweitzer, Anne
Robyn Kiefer, Project Manager
Hazardous, Toxic and Radiological Waste Branch Kansas City District US Army Corps of Engineers
Lou Aboussie, representative from Sen. William Lacy Clay
Jason Leibbert, Chief, Environmental Engineering Branch
Kansas City District US Army Corps of Engineers
Shawn Sullivan, Project Management Branch/Strategic Planning Coordinator St. Louis District US Army Corps of Engineers

4. Nomination and Vote of new members: Rhonda Steelman nominated Linda Leib for CAG membership as she met the eligibility requirements. Chair asked for voter approval, membership approved.

5. Approval of minutes from February CAG meeting:

Doug Clemens presented Feb.2014 meeting minutes for review. Bob Nowlin motioned to approve, Rhonda Steelman seconded, motion passed. Minutes accepted into record.

Executive Board Report: Doug Clemens reported the Executive Board met to plan upcoming meeting and discussed increasing local and business participation. Lynn Leake expressed need for another Member At Large.

Rhonda Steelman presented 1st Quarter 2014 Treasurer's Report:

REPORT OF THE TREASURER OF

Westlake Landfill / Bridgeton Landfill Community Advisory Group

FOR THE 1st Quarter Ending: March 31, 2014

Receipts.

Balance on hand December 31,2013 ... \$ 300.00

Donations

Total \$125.00

Disbursements.

Renew U.S. Post Office Box \$40.00

Paypal service charge \$ 1.03

Total..... \$ 41.03

Balance on hand March 31, 2014 \$ 383.97

Montgomery Bank \$ 360.00

PayPal \$ 23.97

6. Call for Nomination for Member at Large: Vernita Wilson nominated Bill Wilson. Bob Nowlin made motion to elect Bill Wilson. Rhonda seconded. Motion carried.

7 Call for New Business – none

8. Presentation by Terrie Boguski: See attached TASC Fact Sheet on Ground Water Monitoring

Looking for patterns. Not seeing them. Arsenic found. High iron and manganese. Reducing conditions can cause arsenic concentration– a concern in shallow ground water.

Is the ground water safe? How do we know that the farmers are not using the water? What about workers walking in water?

Ground water monitoring probes show no pattern. Historical well data doesn't match up with new data.

If there are discrepancies, where is the accuracy of the testing? Rigorous evaluation of the data can take place but there is still an error bar.

Implied or stated that radioactive materials are showing up outside area 1 or 2, outside landfill, if radioactivity migrating and creating suction into the south quarry, will the EPA take responsibility for that radioactivity as well?

This area is not a heavy karst area – sink holes, underground caverns, underground stream, you could get a fast track of ground water and contamination. The ROD is to leave the material in place. You do not want to see karst forming.

Near the southern points, where there is a spike, there is a southeastern flow area there. Is there any tracking where that water starts from? You can put tracers but where it starts, that's hard to tell.

We run heavy-metal sweep and lab does it all.

Is water checked for PCB's? What testing standards are we talking about? What contaminants were looked for? Maximum contaminate level for drinking water – that's what is being used as a screening level. Public water supply table – you can get a report from public water.

Do you have dates on the recorded maximum and min ground water flows? The flows that were quoted from 1990's (95-96) time frame.

There's an underground stream noted in the landfill. What about that stream? DNR documents show a spring – grouted before landfill started.

Are there radioactive materials in the area where the SSE is? Groundwater has radium in it. That could be naturally occurring radium. Radium is naturally occurring in rocks.

Is the ground water in contact with the SSE? The whole south quarter has been impacted by the SSE?

If the water is heated up and steam is released is that s source of radon? A structure sitting over an area could hold that radon in.

What If workers are breathing steam?

9. EPA – Ben Washburn: Region 7, Community Involvement Coordinator, here to listen to feedback and be sure voices are heard by the agency.

Pre-construction activities – press release – verbage that this first agreement working with Corps of Engineers, technical expertise put together by KS and STL districts in looking at documents. Review 2008 ROD. Move forward with 2nd AIG to move forward. KC District will be contact point for both reviews. (Refer to the EPA Newsroom website for details regarding the inter-agency agreement at:

<http://yosemite.epa.gov/opa/admpress.nsf/0/40A85EB84DC6144285257CBD00708776>)

List of documents up for review. Will that include Latty Ave documents about the radioactive materials taken from there and dumped in this landfill?

Historical documents – said at a previous CAG meeting that the Latty Ave was not reviewed. This has been addressed with EPA that not consulting with the historical documents from Latty Ave.

Harvey Ferdman – 1974 document saying topsoil was scraped, 39 tons mixed with barium sulfate. Will CORP have the latitude to look at where the materials come from?

Based on historical knowledge, NRC documents, conducting an independent review. Their experts will be doing this.

Did the EPA consider the letters from our elected officials requesting to have the FUSRAP involved?

What FUSRAP sites have you worked on?

Robin Kiefer, KC managing efforts on Isolation Barrier and subsequent IEP's. (Independent Engineering Plan.) What experience does KC have with working with FUSRAP type sites?

Corp of Engineers have expertise in lot of different areas. KS has been a part of working on radiological impacted sites. Lots of engineers, health physicists, chemists, engineers, experienced with ROD. St Louis district is not only FUSRAP district Kansas City has. Other districts provide support.

St Louis cleaning up 150 sites here...how KC trumped STL? (Boundaries were defined by speaker.) Decision to have KC manage this particular project based on discussion by leaders in KC and STL. Senior leaders met and talked about roles and responsibilities – who would be the best people to staff the project. The decision was made to have the KC Corp,

West Lake site is located in KC district area of responsibility. Environmental boundaries follow civil work program boundaries. KC responsible for watershed.

Sean Sullivan, Monarch Chesterfield within St Louis' district responds under civil works distribution.

St Louis district river from St Francois, Franklin, St Charles, County line. Navigation channel off limits. River training structures fall into KC district. Work for Superfund is KC support. All part of one Corp, serving the nation, serving the armed forces. Exception made for Chesterfield levee. Breach of levee in Chesterfield bottoms brought about the Command decision. Colonels made decision to hold to boundaries that are set.

If working with another agency, a particular district is set up to work with EPA on this site, structurally set up, with staff in place to support these sites. The goal here is to get the best technical people we can and pull them from wherever we need to pull them. Plan is to use STL and KC district – engineers who deal with landfill design and familiar with barrier designs. If STL or KC doesn't have the right person, they'll go to others.

Dawn Chapman spoke out on integrity. We are interested in integrity, have questioned integrity of EPA. The Corps taught us how to read the monitoring results. We want to believe in the Corps.

Army Corps of Engineers just started Wednesday so have not had time to study the situation yet.

What kind of presence will be here and how accessible will you be? Can you be here at monthly CAG meetings? The Corp is putting together a team to type and identify who is working on the project, technical assistance (review documents), design reviews (work plans – plans for isolation barrier & procedure for construction & activity – air monitoring plan, bird hazard mitigation plan, waste handling & storing procedures, waste disposal procedures – are they complete, technically correct, and compliant with regulations, are they protective of the community and the environment, Work with EPA and responsible parties about any issues to be sure they are in specs. With the isolation barrier, reviews at 30%, 50%, 90% and final phase of design.

The next area of support is construction observation, personnel on site during ongoing work, watching contractors to make be sure they're following plans and doing quality assurance and that the isolation barriers is installed according to specifications. Not sure how many will be there.

Final area is community relations, coming here and talking and listening to concerns, updating on what we're doing, what we've done since the last time and what we have found. In dealings with EPA, they have asked us what we need to do. They have not told us what to do -- not been prescriptive to us (Corp).

Transparency in doing the right thing. Pulling expertise to protect the community.

DAWN Chapman spoke out.

In terms of transparency and objectivity – will any report issued by Corp be made public? Once reports are compiled on a particular aspect, they will be put on website. All the comments will be brought together in one document and final document posted on website for public consumption.

Will ST. Louis Corp be receiving any additional staffing or funding? Funding was transferred to ST. Louis Corp funding staff working on the project. If technical expertise not available here, they will get it from other FUSREP locations.

Money – who is paying the bill and who is in charge? Contractors should be working for us. These contractors are going to be answering to EPA.

Can EPA tell you what to do? Can St. Louis also do an independent review, looking at the historical documents?

Can you do the independent review with St. Louis and the boots on the ground from KC? We will talk with STL district, identify the technical expertise in STL based on that. Open to suggestions. Goal is to get right technical people wherever they are available.

Do you have the authority to stop work if you see something wrong? During reviews, tech will follow their ethics and discuss it with multiple tech people, opinions can be changed – won't change unless solid reason to do that.

Will you look over Dr. Bob Chris' reports? That report has made its way around the state but EPA refuses to talk about it.

Doug Clemens asked: If your opinion stands juxtaposed to the EPA, what is the resolution to this process? Decision will be made at highest pay grade – who are they? There have been issues and concerns – a great deal is predicated on the dispute. What the escalation process is – not transparent.

Harvey Ferdman asked if Jeffrey Fields would come back to the next meeting to discuss this further.

Can you come back to the next meeting and discuss the process for this? Transparency – with EPA and DNR – cherry picking to cover themselves. We want ARMY to lead – not EPA. We will be watching you.

What contingency plan will be for the homeowners and workers when you begin opening up the trench? It is too early to comment on that. We will have an answer when we have a basis for which to answer that.

Ed Smith commented: In the agreed order between the EPA and Republic, there are agreed transfers of information. When DNR was entered into negotiations with Republic Services last summer regarding the contingency plan regarding what would happen where and when, DNR was able within days of receiving a work plan, to post that on the DNR website in order to give an opportunity to review and submit comments to DNR. Responses were included in responses to the work site. The draft work plan between EPA and Republic Services has yet to be published on the EPA's website. Will the EPA put these documents on the website to allow people in this community to submit comments on the records before final decisions are made? It is an issue raised frequently without answers.

Ed Smith asked Jeffrey Fields when we could expect a response to this? Jeffrey Fields said he would try to get back to him this week.

Can we have transparency on what we want to know? Republic, EPA, DNR websites have information.

A lot of the language in the agree of order mentions talk about exchanging information in weeks or 30 days so freedom of information act does not line up with the work for this landfill.

Why is there no sense of urgency in protecting us?

Where's the fire? The EPA has some credibility issues. When the NRA reviewed the site, documents didn't make their way up to the higher levels where decisions are being made. If information doesn't go up, we aren't happy. Army Corps of Engineers is hearing what you are saying and we will follow procedures.

Why aren't you monitoring air quality 24 hours a day? How do we limit our exposure when we live here? The monitoring is not 24/7. There are certain monitors being used 24/7. At last

community meeting, there was a request for 24/7 monitoring. Will the EPA provide monitoring in addition to the EPA? Installing 5 monitoring devices off-site to monitor any migration. Five places where these will be staged and we're starting to work on that this week. On-sight monitoring inside the perimeter.

We never got lab results on the path for the barrier? Core seed sampling was done. Was a clear path found? Received raw data from first couple of batches. Not received all or in summary format to determine if there is a clean line yet to use for barrier.

Is there any chance that part of the contingency to this is that there will be documents that state that it is safe to dig in RIM? NO.

Corp is new here. The EPA is putting up mesh along Rock Rd – EPA ordered 5 monitoring stations, all without Corp's input. In response to Anderson Report, Cecilia from EPA office put out email that we didn't need to be concerned because ALPHA and BETA monitoring was taking place daily by DNR. DNR said they were not doing that, that EPA is doing that. EPA and Corp of Engineers look at monitors. How often are those taken to the lab and analysis run? The air stations that are being set up in the quality assurance plan are still being worked up. The Alpha, Beta and Gamma monitors will run 24/7 in all five of those locations. Some will collect particles in the air for one or two weeks and sent to lab.

We would like to see written information from STL Corp, radium 226 and Thor 230, can be only recognized with air monitoring filtrations systems. There are limitations to analyses available. The monitors that can give true time are not sensitive enough to collect enough materials to give the right quantitation limit to tell them what is in the air. Personal air monitors on workers are taken every 2-3 hours to a lab and get a 2 day turn around.

Workers got suited up and were wearing personal air samplers and had an instrument on sight to count exposure on that filter. They were sent off-site to get that low detection. There are limitations in trying to get a full and cooperative sweep of detection of alpha and beta contaminants. You need real time and long term with low detection to get full impact.

Where and when can the community see the data for the 2-3 hours turn around? We gather the data but there are policies on how and when to release this information to the public. Hopefully, EPA will work the Corps to see how to make this work. We have serious questions here and are looking at a meeting in May to wrap-up in about 3 weeks from now.

Concern there is radioactive materials outside area 1 and 2, new RIM not previously identified, EPA is in charge of all radioactive materials on site, but EPA refuses to check for other areas.

Steam escaping, workers with no breathing equipment worn where steam is coming out of ground. Are workers being exposed and what is EPA doing about that? How is the EPA handling or being concerned about these workers being exposed to them? Contractors should have the health and safety plan in place. Same people who didn't report the fire that are sequestered in hotels and bussed to the sight – we're to expect them to be responsible for that?

What happened at the remedy review board? Nothing is mentioned about SSE. National Remedy Review Board – early consultation – number of issues needing further study. EPA Response (Dan Gravatt): Supplemental feasibility study for additional ground study and bring

USGS in, Army Corp in to address issues, and will go back before the National remedy review board once they have more information. That consultation will be on new plan. That will be made public. The first one was closed because it was not the final say on that.

The State of MO was offered to participate and listen in but a public participation was not there. Which department listened in from the state? EPA Response (Dan Gravatt): Hazardous waste folks listened in. They were not in the room.

Beth Strohmeier asked: Mr. Fields stated that you will not dig in RIM for this barrier. 400 days until the fire going to hit the radioactive waste less than 100 days left now. What is the plan B before the 100 days are up? Behavior of SSE is being reviewed monthly to best assess where fire is occurring. Reaction hasn't moved north of the "neck". EPA Response (Dan Gravatt): Clock is not really relevant now since not moving in any particular fashion. Barrier is plan B in MO Attorney general's order. Do it right and don't disturb RIM. Some RIM over at transfer station (20-30 feet deep). Detour barrier around the transfer station. No plan B.

EPA has no plan to address the smoldering fire in the presence of radioactive material. The waste in OU1 is so old and so thin that it is very unlikely to start a fire there.

Thank you all for participating.

What exactly is the direction on how to contact KC Corp of Engineers?
Joint task force? Get in touch with Ben Washburn who will forward questions. Bob Nowlin asked how to reach out to CORP without the filter of the EPA between community and CORP. We would like to discuss this, to give our input, since we are the local people involved.

(Comments were made to the EPA by several citizens expressing their concerns for transparency in communication and expediency in action. Among these people were Chuck Bell, Kirbi Pemberton, Tara, a Spanish Village resident, Kat Logan Smith, and Donna Klocke.

Doug Clemens recommended an interim CAG follow-up meeting in May to include EPA requesting that Jeff Fields attend.

Motion to close meeting by Bob Nowlin, seconded by Rhonda. Meeting adjourned.

Meeting Closed. 60 in attendance.